WPI / Thomson

AN - 1980-26457C [15]

A - [001] 011 030 031 034 04& 06- 062 064 075 09& 09- 090 10& 10- 17& 230 27& 28& 399 679 691

AP - JP19780101456 19780822

CPY - ASAG

DC - A14

DW - 198015; 198635

IC - C08F2/16; C08F214/18

IN - KOJIMA G; TAMURA M

KS - 0037 0041 0044 0047 0050 0053 0210 0230 0970 0971 2066 2105 2106 2122 2123 2410

MC - A04-E10 A10-B01

PA - (ASAG ) ASAHI GLASS CO LTD

PN - JP55029519 A 19800301 DW198015

JP61033848B B 19860805 DW198635

PR - JP19780101456 19780822

XIC - C08F-002/16; C08F-214/18; C08F-014/00; C08F-014/18; C08F-002/12; C08F-214/00

AB - The process comprises copolymerising fluoro monomer(s) with comonomer(s) opt. not contg. fluorine using a polymerisation initiator. The copolymer contains 0.1-10 mol. % of monomer of formula CF2=CFO(CF2)nCOOM (where n = 1-7 and M is NH4 or alkali metal. The monomers are polymerised in an aq. medium at pH 5-10, in which no surfactant exits.

As polymerisation is carried out in the absence of surfactant, cost of washing the produced copolymer and treatment of waste liq. is reduced and foaming and colouring in moulding, can be avoided. The obtd. fluoro copolymer shows improved physical properties by introducing -O-(CF2)n-COOM gp. in side chain.

ICAI- C08F14/00; C08F14/18; C08F2/16; C08F214/18

ICCI- C08F14/00; C08F2/12; C08F214/00

INW - KOJIMA G; TAMURA M

IW - FLUORO COPOLYMER MANUFACTURE ABSENCE SURFACTANT REDUCE NEED WASHING PRODUCT TREAT WASTE LIQUID

IWW - FLUORO COPOLYMER MANUFACTURE ABSENCE SURFACTANT REDUCE NEED WASHING PRODUCT TREAT WASTE LIQUID

NC - 1

NPN - 2

OPD - 1978-08-22

PAW - (ASAG ) ASAHI GLASS CO LTD

PD - 1980-03-01

TI - Fluoro-copolymer mfr. in absence of surfactant - reducing the need to wash prod. and to treat waste liq.